

08-22-00

A

PTO/SB/05 (2/98)

Appr. use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No. 7000-014

First Inventor or Application Identifier Thorpe, Michael

Title ENHANCED DIRECTORY ASSISTANCE AUTOMATION

Express Mail Label No. EL555716289US

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 42]  
(preferred arrangement set forth below)
  - Descriptive title to the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3 sets of 8]
4. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b,  
is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☒ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ \*Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: \_\_\_\_\_

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE  
ENTITLED TO PAY SMALL ENTITY FEES, A SMALL  
ENTITY STATEMENT IS REQUIRED (37 C.F.R.  
§ 1.27), EXCEPT IF ONE FILED IN A PRIOR  
APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
Prior application information: Examiner:of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Group/Art Unit: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label☐ Correspondence address below

NAME

24631

PATENT, TRADEMARK OFFICE

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

FAX

Name (Print/Type)

Benjamin S. Withrow

Registration No. (Attorney/Agent)

40,876

Signature

Date

August 21, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

COPY

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>FEE TRANSMITTAL</b> <b>for FY 2000</b> Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement. otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.		<b>Complete if Known</b>	
		Application Number	
		Filing Date	August 21, 2000
		First Named Inventor	Thorpe, Michael
		Examiner Name	
		Group/Art Unit	
TOTAL AMOUNT OF PAYMENT		Attorney Docket No.	7000-014
(\$1234.00)			

<b>METHOD OF PAYMENT (check one)</b>				<b>FEE CALCULATION (continued)</b>																																																																																																																																																																					
1. <input checked="" type="checkbox"/> The Commission is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number: 18-1164  Deposit Account Name: Rhodes & Mason, P.L.L.C.  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§1.16 and 1.17				<b>3. ADDITIONAL FEES</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examination action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt.</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR §1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR §1.129(b))</td><td></td></tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examination action		115	110	215	55	Extension for reply within first month		116	380	216	190	Extension for reply within second month		117	870	217	435	Extension for reply within third month		118	1,360	218	680	Extension for reply within fourth month		128	1,850	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt.		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	690	246	345	Filing a submission after final rejection (37 CFR §1.129(a))		149	690	249	345	For each additional invention to be examined (37 CFR §1.129(b))	
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																				
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																					
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																					
139	130	139	130	Non-English specification																																																																																																																																																																					
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																					
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																					
113	1,840*	113	1,840*	Requesting publication of SIR after Examination action																																																																																																																																																																					
115	110	215	55	Extension for reply within first month																																																																																																																																																																					
116	380	216	190	Extension for reply within second month																																																																																																																																																																					
117	870	217	435	Extension for reply within third month																																																																																																																																																																					
118	1,360	218	680	Extension for reply within fourth month																																																																																																																																																																					
128	1,850	228	925	Extension for reply within fifth month																																																																																																																																																																					
119	300	219	150	Notice of Appeal																																																																																																																																																																					
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																																					
121	260	221	130	Request for oral hearing																																																																																																																																																																					
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																					
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																					
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																																																					
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																																					
143	430	243	215	Design issue fee																																																																																																																																																																					
144	580	244	290	Plant issue fee																																																																																																																																																																					
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																					
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																					
126	240	126	240	Submission of Information Disclosure Stmt.																																																																																																																																																																					
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																				
146	690	246	345	Filing a submission after final rejection (37 CFR §1.129(a))																																																																																																																																																																					
149	690	249	345	For each additional invention to be examined (37 CFR §1.129(b))																																																																																																																																																																					
<b>2. EXTRA CLAIM FEES</b>  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>35</td> <td>-20** = 15</td> <td>X 18.00 =</td> <td>270.00</td> </tr> <tr> <td>Independent Claims</td> <td>6</td> <td>-3** = 3</td> <td>X 78.00 =</td> <td>234.00</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>** or number previously paid, if greater; For Reissues, see below</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109</td><td>78</td><td>209</td><td>39</td><td>**Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table> <p style="text-align: right;"><b>SUBTOTAL (2)</b> (\$504.00)</p>						Extra Claims	Fee from below	Fee Paid	Total Claims	35	-20** = 15	X 18.00 =	270.00	Independent Claims	6	-3** = 3	X 78.00 =	234.00	Multiple Dependent Claims					Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	78	202	39	Independent claims in excess of 3		104	260	204	130	Multiple dependent claim		109	78	209	39	**Reissue independent claims over original patent		110	18	210	9	**Reissue claims in excess of 20 and over original patent		Other fee (specify) _____ Other fee (specify) _____  <div style="display: flex; justify-content: space-between;"> <span>*Reduced by Basic Filing Fee Paid</span> <span><b>SUBTOTAL (3)</b> (\$40.00)</span> </div>																																																																																																													
		Extra Claims	Fee from below	Fee Paid																																																																																																																																																																					
Total Claims	35	-20** = 15	X 18.00 =	270.00																																																																																																																																																																					
Independent Claims	6	-3** = 3	X 78.00 =	234.00																																																																																																																																																																					
Multiple Dependent Claims																																																																																																																																																																									
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																				
103	18	203	9	Claims in excess of 20																																																																																																																																																																					
102	78	202	39	Independent claims in excess of 3																																																																																																																																																																					
104	260	204	130	Multiple dependent claim																																																																																																																																																																					
109	78	209	39	**Reissue independent claims over original patent																																																																																																																																																																					
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																					

<b>SUBMITTED BY</b>				<b>Complete (if applicable)</b>		
Name (Print/Type)	Benjamin S. Withrow		Registration No. (Attorney/Agent)	40-876	Telephone	(919) 654-4566
Signature			Date	August 21, 2000		

**WARNING:**  
 Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC902 U.S. PTO  
08/21/00

JC875 U.S. PTO  
09/642/30  
08/21/00

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

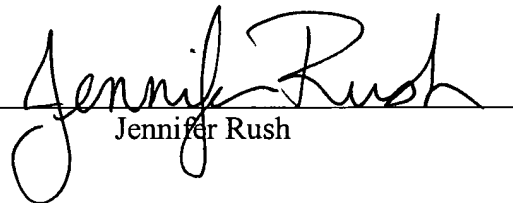
CERTIFICATE OF MAILING/EXPRESS MAIL

"Express Mail" Mailing Label Number EL555716289US

Date of Deposit August 21, 2000

I hereby certify that this paper, which is a Utility Patent Application entitled  
**ENHANCED DIRECTORY ASSISTANCE AUTOMATION** (our file 7000-014), and the  
attached fee are being deposited with the United States Postal Service "Express Mail Post Office  
to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the  
Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Mailed By:

  
Jennifer Rush

EL555716289US)